



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Rhesus Macaque CXCR4 Expression Vector

Catalog Number: 3598

Lot Number: 180166

Release Category: D

Provided: 5 µg of dried purified DNA stabilized in DNastable *Plus*

Cloning Site: EcoRI/SalI cloning site
The size of the insert is approximately 1059 bp.

Cloning Vector: pBABE-puro
Ampicillin resistant

Description: An expression vector which produces rhesus CXCR4 protein.

Special Characteristics: This construct is approximately 6200 bp including the insert.
This plasmid expresses CXCR4 derived from RNA by PCR amplification. Rhesus CXCR4 was cloned into pBABE-puro's EcoRI/SalI sites as an EcoRI/XhoI fragment.
GenBank Accession Number: [U73740](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
Alternate name: pBABE.Rh-CXCR4
This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. Preston Marx

References: Z. Chen, P. Zhou, D. D. Ho, N. R. Landau and P. A. Marx. (1997). Genetically divergent strains of simian immunodeficiency virus use CCR5 as a coreceptor for entry. J Virol, 71(4), 2705-14. [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Rhesus Macaque CXCR4 Expression Vector from Dr. Preston Marx (cat# 3598)." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Aaron Diamond AIDS Research Center Office of Technology Transfer at the following email address: mta@rockefeller.edu, before the reagent can be released.

Last Updated: March 26, 2020

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